State of Ohio
Ohio Department of Agriculture
Chas. V. Truax, Director

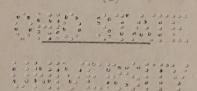
OHIO

COMMERCIAL ORCHARDS

And Vineyards
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United States Department of Agriculture Bureau of Agriculture Economics

> Thomas P. Cooper, Chief Cooperating

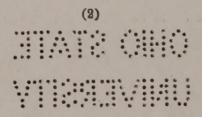


C. J. West, Agricultural Statistician
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Cooperative Crop Reporting Service

5B 359

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IMPORTANCE OF THE ORCHARD INDUSTRY IN OHIO

The State Department of Agriculture is closely linked with the development and advancement of the orchards and vineyards of the state. Besides the compilation of statistics on the commercial orchards and vineyards as given in this bulletin, the Division of Plant Industry is concerned with the diseases and pests that are injurious to this important industry. Grading work and certain marketing features are also found in this Division and in that of Markets and Marketing. Division of Foods and Dairies also touches the welfare of commercial fruit growers in supervising and maintaining the purity of fruit products. While Ohio is not the leading fruit state in the United States, her efforts in this direction have sufficient variety and achieve such notable success that citizens of this state need not acknowledge the supremacy of any other commonwealth as regards uniform quality. Last year, Ohio was tenth in the United States in peach production and thirteenth as regards apples. Production in the latter is set at 678,000 bushels while 1,100,000 bushels of peaches were produced. Moreover, the vineyards of this state are famous the world over, particularly those of Catawba Island. The "Buckeye Brand," as adopted by leading producers of fruit, has been so carefully used as to establish this grade on a sound basis and obtain the respect of dealers and consumers alike.

The orchards and vineyards of Ohio's farms are widely scattered over the state and vary greatly in size and quality. The commercial institutions of this character, however, attain a point of perfection that is rarely noted on the smaller farms. In compiling statistics on commercial orchards and vineyards, this Department is supplying a long-felt want and is offering a true index to the business to those engaged as well as those interested in it.

The following statistics give the state totals for the features incorporated in this bulletin:

Tito	
Total number of trees in commercial apple orchards	- "
Total number of trees in commercial peach orchards.	1 489 263
Total number of commercial apple orchards	1.103.008
Total number of commercial peach orchards	2,759
Total number of commercial vineyards (approximate)	1,590
The state of confinercial vineyards (approximate)	1,200
Total number of acres in commercial vinewards	1,400
Total number of acres in commercial vineyards (approximate)	6,000

With other lines of endeavor that have their origin in the soil, the fruit industry has shown great progress since its importance was first realized. The development of the commercial industry has been a slow process but one that has kept pace with the requirements of civilization. The keynote is "specialization." It is now realized that an agriculturist

or horticulturist can give his entire attention to fruit growing with greater success than he can to a wide variety of endeavors. This specialization has resulted in better-quality products, the development of grades, standards and cold storage methods and in close scrutiny of the insects and diseases that retard higher production. The orchards or vineyards of today and particularly those of the commercial type represent the application of a science that has been evolved from years of experience. Ohio, as has been mentioned, is well to the fore in both quantity and quality.

Director of Agriculture.

COMMERCIAL ORCHARDS AND VINEYARDS

By C. J. West, Agricultural Statistician

Orchard and vineyard fruits can be marketed with any degree of satisfaction for the grower only after careful pre-arranging of market facilities adjusted to the size of the crop, for fruit crops are perishable and vary greatly in size from year to year. It is consequently necessary to have information as to the probable volume to be marketed in advance of the ripening season.

A fruit crop forecast must be based primarily on the orchard or vineyard capacity or number of trees or acres of vineyards. No adequate information on Ohio commercial orchards and vineyards has been available previous to the reports of the present Bulletin. The Unitd States Bureau of the Census does not separate farm from commercial orchards.

Having in mind these conditions and facts, the Ohio Horticultural Society, at the summer meeting of 1922, requested Mr. L. J. Taber, who was then Director of Agriculture, to recommend to the General Assembly an appropriation of \$4,000 for the making of an enumeration of the orchards and vineyards in this state. This amount was budgeted by Mr. Taber and the appropriation was later made during the administration of the present Director of Agriculture, Charles V. Truax. This work has been carried on and completed under the direction of Director Truax by the staff of the Cooperative Crop Reporting Service assisted by a number of field men or enumerators.

For the purpose of this survey or census, a commercial orchard was distinguished from a farm orchard by noting whether proper care was given to the orchard; whether the orchard was maintained primarily for the sale of its products or merely as a collection of trees receiving no special attention and no special effort made to market the product profitably. In some sections, as in parts of northern Ohio, a dividing line was drawn at 100 trees but in general the intent and purpose were the deciding factors. Ordinarily it was not a matter of difficulty for the enumerator in the field to decide whether an orchard or vineyard should be classified as commercial A comparison of the results of this survey with the numbers in the table on page 39 from the United States Census reports for January 1, 1925, is interesting as showing the relative proportions of commercial and farm orchards in each county.

The division between Summer and Winter varieties of apples is placed somewhat arbitrarily to include all varieties ripening with Grimes

and later in the Winter class and all before Grimes in the class of Summer varieties.

Peach varieties are divided according to time of ripening into Early, Elberta and Late.

Acreages are given as enumerated tho there may often be duplications because of filler planting in orchards.

Production figures were unobtainable in many orchards and vineyards. The trees or acreages are given for the orchards and vineyards reporting productions. The mistake must not be made of assuming no production where none was enumerated.

The field enumeration was done by local fruit men, acquainted with their respective localities, under the supervision of the Agricultural Statistician of the Crop Reporting Service. Enumerators were employed on a per diem basis. It is believed that the enumeration is practically complete in the intensive fruit counties and highly complete in all counties. Some of the reports in the counties with only scattered commercial orchards were obtained by mail. In the main fruit counties each report was obtained by the enumerator calling personally at the orchard or vineyard. Available funds were not sufficient to complete the enumeration in one or two sections, especially in parts of Lorain and Cuyahoga counties, where the total commercial vineyard acreage is estimated to be less than 2,500 acres.

ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Counties	Number of	Number	Number	Summ Variet		Wint Varie	
	Orchards*	of Acres	of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent
State Total	2,759	35,601	1,489,263	158,501	11	1,330,762	89
Adams Ashland Ashtabula Athens Belmont	108 137	170 60 1,016 1,523 166	7,315 1,820 59,343 52,338 4,895	215 160 14,218 2,211 666	3 9 24 4 14	7,100 1,660 45,125 50,127 4,229	97 91 76 96 86
Carroll Clermont Columbiana Coshocton Delaware	35	99 677 2,156 63 1,050	2,900 23,816 69,910 2,455 41,084	130 3,986 6,925 50 3,586	4 17 10 2 9	2,770 19,830 62,985 2,405 37,498	96 83 90 98 91
Erie Fairfield Franklin Fulton Gallia	449 23 214	1,814 515 226 25 3,138	68,272 17,415 8,337 1,600 162,510	9,971 928 2,043 1,600 17,873	15 5 25 100 12	58,301 16,487 6,294	85 95 75
Hamilton Hocking Holmes	16	1,366 33 330 266 32	54,279 1,375 9,450 8,048 1,000	2,365 115 1,560 583	4 8 17 7	51,914 1,260 7,890 7,465 1,000	96 92 83 93 100
Huron Jackson Jefferson Knox Lake	13 79 17 287	279 2,344 328 178 1,832	9,361 101,880 9,719 6,832 75,508	807 2,925 796 180 20,176	9 3 8 3 27	8,554 98,955 8,923 6,652 55,332	91 97 92 97 73
Mahoning Medina	196 13	3,937 479 230 1,556 54	212,916 16,019 8,063 49,755 2,205	15,649 2,760 2,153 5,574 150	7 17 27 11 7	197,267 13,259 5,910 44,181 2,055	93 83 73 89 93
Meigs Morgan Muskingum Ottawa Pike	40 12 15 516 27	966 187 247 1,854 462	43,566 6,820 10,505 77,079 19,516	3,002 134 680 8,093 445	7 2 6 10 2	40,564 6,686 9,825 68,986 19,071	93 93 94 90 98
Portage Richland Ross Sandusky Scioto	16 33 12 26	264 249 1,261 523 717	10,016 13,716 55,042 12,260 30,565	960 1,855 8,896 2,710 1,107	10 14 16 22 4	9,056 11,861 46,146 9,550 29,458	90 86 84 78 96
Stark Summit Crumbull Cruscarawas Union		318 100 179 181 108	8,315 1,967 7,156 7,457 7,200	915 615 1,872 719 2,025	11 31 26 10 28	7,400 1,352 5,284 6,738 5,175	89 69 74 90 72
Vinton Washington Wayne	13 106 16	324 1,456 263	15,693 57,302 14,668	518 1,970 1,630	3 3 11	15,175 56,332 13,038	97 97 89

^{*} Number of orchards omitted where less than 10. Total includes omitted numbers.

AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

		5	Summer	Variet	ties			W	inter Va	rieties	4.1.2	
Counties	Under	3 Yrs.	3 to 10	Yrs.	Over 10	Yrs.	Under 3 Yrs.		8 to 10	Yrs.	Over 10	Yrs.
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
State Total	28,157	18	62,790	40	67,554	42	197,928	15	401,712	30	731,122	55
Adams	5,926 82 120	42 4 18	15 140 5,813 271 140	7 88 41 12 21	200 20 2,479 1,858 406	93 12 17 84 61	12,865 4,169 232	29 8 4	4,300 983 27,204 13,233 2,013	61 59 60 27 48	2,800 677 5,066 32,725 1,984	39 41 11 65 48
Carroll	100 588 1,482	77 15 24	30 1,297 4,073 25 1,712	23 33 54 50 48	2,101 1,370 25 1,809	52 22 50 50	1,200 5,063 25,654 2,490	43 26 40	1,570 5,656 14,499 625 11,546	57 28 23 26 31	9,111 22,832 1,780 23,462	46 37 74 62
Erie	2,693 12 39	27 1 2	3,560 263 130	36 28 6	3,718 653 1,874 1,600	37 71 92 100	9,153 3,678 275	16 22 4	16,010 5,047 411	27 31 7	33,138 7,762 5,608	57 47 89
Gallia	262	1	9,109	51	8,502	48	1,346	1	48,290	32	. 95,001	67
Geauga Guernsey Hamilton Hocking Holmes	324	21	5 456 170	4 29 29	2,365 110 780 413	100 96 50 71	929 750 1,764 1,250 1,000	2 60 22 17 100	358 1,831 2,585	23 35	50,627 510 4,295 3,630	97 40 55 48
Huron Jackson Jefferson Knox Lake	705	14 24 27	547 885 271 9,512	68 31 34 47	150 1,335 525 180 5,149	18 45 66 100 26	1,512 18,859 350 160 13,839	18 21 4 2 25	3,851 41,216 2,399 1,472 19,205	45 46 27 22 35	3,191 38,880 6,174 5,020 22,288	37 33 69 76 40
Lawrence Lorain Lucas Mahoning Medina	1,360	12 49 28 100	5,475 855 1,265 1,592	35 31 59 29	8,237 545 888 2,403	53 20 41 43	14,182 2,460 18,303 630	7 18 41 30	52,974 3,150 1,740 10,950 425	27 24 29 25 21	130,111 7,649 4,170 14,928 1,000	66 58 71 34 49
Meigs Morgan Muskingum Ottawa Pike	10 13 772	7 7 2 10 25	110 25 547 4,298 115	4 19 80 53 26	2,640 99 120 3,023 220	89 74 18 37 49	5,633 51 776 14,868 2,876	13 1 8 21 15	7,904 1,600 5,678 25,998 4,579	20 24 58 38 24	27,027 5,035 3,371 28,120 11,616	67 76 34 41 61
Portage Richland Ross Sandusky Scioto	160 500 445 630	17 27 5 23 27	200 933 3,766 1,640 168	21 50 42 61 16	600 422 4,685 440 637	62 23 53 16 57	1,600 625 7,764 690 5,276	18 5 17 7 18	2,496 2,911 9,720 4,690 14,585	27 25 21 49 49	4,960 8,325 28,662 4,170 9,597	55 70 66 44 85
Stark	40 360 172	4 58 24 35	325 250 1,400 230	36 41 75 32	550 5 472 317 1,325	60 1 25 44 65	1,034 360 1,070 500	14 27 16 10	1,696 950 40 2,365	23 70 1 35	4,670 42 5,244 3,303 4,675	65 99 49
Vinton	. 192	48 9 12	50 922 200	10 47 12	218 856 1,230	42 44 76	1,050 10,842 800	7 20 6	4,880 14,069 4,008		9,245 30,421 8,230	6: 54 6:

PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

	Other Fall and	Per Cent	14	28 28 28 28 28 28 28 28 28 28 28 28 28 2	171 221 252	18 134 150 150 150 150 150 150 150 150 150 150	18 20 18 8 18 8 18 8 18 8 18 8 18 18 18 18 18	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1211
	Winesap	Per	1	* * ~*	1-01* :*	**	©1* * H	* ** *	H ::
	Ben Davis Family	Per	90	11 12 12 15 16	00000	62.0	07H0769	414 0	1002
	Baldwin	Per	6	1 mg 2 mg	100 H	3 88 1	S w-wr	26 14 19	104
	Rome Beauty	Per Cent	28	29 4.3 4.3 18	16 16 20 20 20 20 20 20 20 20 20 20 20 20 20	140 04	10 0 88	1001	0 * 9
	York	Per Cent	-	* 100	1:0777	HH 80 67	* ~ ~ ~	HH444*	H* H
	Northern Spy	Per Cent	1	* 000 * 01	* ~ *	01 * 01 : *	010** 00	H* * 60 01	
	Stayman	Per	00	171	18 10 20 29 62	13 6 8	STEES S	26 110 8	263
	Greening	Per	1	* 4* *	m* * im	m== :*	HH :*	c3* * : c5	* 01 4
	Delicious	Per Cent	9	8 00 10 A 10	1132	100000	0 E E E O O	08789	H250
	McIntosh	Per Cent	1	4* 1	*	ППП !!	* 03 50	07 * * 100	* * 10
	Jonathan	Per Cent	9	RV 52 401	01 02 01 01 01	00 00 00	153 158	13 15 15 15 15 15 15 15 15 15 15 15 15 15	20
	Grimes	Per Cent	9	77882	00 40 01	11.72	14 10 10 88 20	02-00-1	9* 01
	Other Summer	Per Cent	69	H* 010100	00000	404:00	* * 00 :	121 33 11 12	10 10
	Wealthy	Per Cent	2	* 50 10	_ ⊢∞∞* ∞	4100 1	****	0 H 10 H 20	ною
-	Duchess	Per Cent	2	H * 66 km	60 H 60 H 60	41 900 *	* \$ 1 * :	H* H 10	0.00
	Yellow Trans-	Per Cent	m	100000	* 00 00 * 41	0: 400	⇔* ⇔* :	യ ല യ ല യ	64 40
	Counties		The State	Ashland Ashtabula Athens Belmont	Carroll Clermont Columbiana Coshocton Delaware	Erie Fairfield Fanklin Fulton Gallia	Gearnsy Guernsy Hamilton Hocking	Huron Jackson Jefferson Knox Lake	Lorain Lucas

PERCENTAGE VARIETIES IN COMERCIAL APPLE ORCHARDS - Continued

Other Fall and Winter	Per Cent	17	6 11 10	21 25 10 10 13	16 27 8 18 18	28.5.4
Winesap	Per Cent	-	H H* 4	H 01 H *	* : 60	00 * 10
Ben Davis Family	Per Cent	4	100 100	17.00	0100 * 01	100
Baldwin	Per Cent	16 29	* 03 412*	25 co 12 *	35 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * 0
Rome Beauty	Per	9 ::	46 17 17 39	98 88 88	481 10	45
York	Per Cent	7	70 co * 11 4	H04H0	0 0 0 1	H* *
Northern Spy	Per	67	* * * 01*	1000* * *		r-1* *
Stayman	Per	25	0113000	15.20	1110827	100
Greening	Pen	₩ *	* * * * * * *	₩ н*	H0*H:	* * *
Delicious	Per	4	\$ 60 00 00 00 00 00 00 00 00 00 00 00 00	1-0040	4004510	30
McIntosh	Per		*		133	: 8
Jonathan	Per	111	448000	r-400H	00000	* 201
Grimes	Per	14	89472	111 20 10 10	100 * 80 621	00-100
Other Summer	Per	eo 4	on Head	10 4 to 4 H	Ø1000 ★ 44	mmm
Wealthy	Per	44 :	**	10001	100110	*
Duchess	Per	0161	* * * *	SH 53 4*	H70 4 H 0	
Yellow Trans-	Per	67 74	4:003*	84001	201116	2011
Counties		Mahoning Medina	Meigs Morgan Muskingum Offawa Pike	Portage Richland Ross Sandusky	Stark Summit Trumbull Tuscarawas	Vinton Washington Wayne

* Less than one per cent.

COMMERCIAL WINTER APPLE PRODUCTION IN OHIO BY COUNTIES

1921	Proc	Over 10 Years	890 7.35 5,391 8,480 355 250 355 2,500 2,829 8,100	18,901 82,055 2,996 7,500 1,995 1,900 4,365 1,590 1,300 4,700	460 430 365 1,000 708 3,200 1,670 1,200	1,468 3,975 41,425 18,952 4,160 21,500 4,170 11,000 2,075 15,150	2,783 2,800 1,912 1,275 500 4,000 6,135 41,200	1,765 6,827 1,830 3,000 1,770 1,400	16,382 30,579 3,200 4,200 4,627 11,200	0
19	Number of Trees in Orchards Reporting Production	3 to 10 Ove Years Ye	1,367 50 200 116	6,064 1,885 1,000 1,000	520 135 100 310	10,670 2,280 1,740 368	2, 200	200 200 1,780	6,160	45 089 14
,	Production	Bushels	28,025 14,100 3,200 25,300	70,950 3,840 78,825 3,800	1,650 400 3,300 1,500 2,055	4,450 116,788 27,150 10,500 42,131	9,200 2,650 16,710 1,945 2,000	12,000 10,225 10,225 1,000 1,000 1,000	52,640 4,225 , 16,720 19,905	508 89Q
1922	Number of Trees in Orchards Reporting Production	Over 10 Years	1,688 8,126 8,126 3,187 1,715 9,039	28,077 2,684 1,995 27,764 1,975	760 365 1,611 10,368 2,186	1,983 100,811 7,427 4,170 10,567	8,130 1,870 7,030 6,135 6,135	3,855 8,855 11,830 1,77	19,250 3,275 7,529 9,252	204 710
	Number o Orchards Produ	3 to 10 Years	1,324 1,842 815 015 1,136	7,272 1,166 1,166 5,751 309	620 135 280 97 444	29,945 3,150 3,009	1,400	3,510 2,500 2,500 1,780	9,637 850 2,028 1,993	09 627
	Production	Bushels	9,465 54,260 26,575 25,700 51,750	140,040 7,659 2,800 198,860 26,100	2,127 2,150 36,700 5,850 5,850	19,125 183,050 55,900 20,500 54,035	34,525 2,075 37,338 2,160 31,400	90,350 19,650 16,450 4,500 6,750	85,199 5,700 23,270 51,140	1 845 147
1923	Number of Trees in Orchards Reporting Production	Over 10 Years	3,376 11,968 6,317 5,710 11,919	30,596 3,249 1,995 84,490 46,025	2,130 2,165 2,891 19,057 4,561	7,524 108,706 7,427 4,170 12,269	14,981 1,870 10,842 620 5,435	18,940 4,170 6,500 1,830 3,970	23,129 3,275 7,909 19,567	490 573
	Number o Orchards Prod	3 to 10 Years	11,934 2,925 2,065 810 3,071	10,400 1,586 32,047 32,047	985 985 870 18,670	38,520 38,520 3,150 1,740 4,088	5,925 4,329 6,553 312 2,200	3,700 3,510 3,600 1,780	11,991 850 2,078 4,483	199, 348
ees Enumerated	Inder 3 Years of Age	Over 10 Years	5,056 32,725 9,111 22,832 23,462	33,138 7,762 5,608 95,001 50,627	4,296 3,630 3,191 38,880 6,174	22, 288 130,111 7,649 4,170 14,928	27,027 3,371 28,120 4,960 8,325	28,662 4,170 9,597 4,670 9,245	30,421 8,330 13,763 29,923	731 999
All Trees Excludin	Under	3 to 10 Years	27,204 13,233 5,656 14,499 11,546	16,010 5,047 411 48,290 358	1,831 2,585 3,851 41,216 2,399	19,205 52,974 3,150 1,740 10,950	7,904 5,678 25,998 2,496 2,496	9,720 4,690 14,585 1,696 4,880	14,069 4,008 4,495 11,857	400.142
	Date of Enumeration		May, 1924 Dec., 1924 Oct., 1925 Jan., 1925 Dec., 1924	Feb., 1924 Nov., 1925 Dec., 1925 Dec., 1924 Dec., 1925	Nov., 1925 Sept., 1925 Dec., 1924 Jan., 1925 Nov., 1925	May., 1924 Aug., 1923 Dec., 1924 Dec., 1925 Jan., 1925	Dec., 1924 Nov., 1925 May, 1924 Dec., 1925 Dec., 1925	Dec., 1924 Dec., 1924 June, 1924 Jan., 1925 Dec., 1924	June, 1924 Jan., 1926	
	Counties.		Ashtabula Athens Clermont Columbiana Delaware	Brie Fairfield Franklin Gallia	Hamilton Hocking Turon Aekson Jefferson	ake awrence orain uroas Mahoning	deigs Muskingum Ottawa Portage Kichland	andusky cioto tark inton	Vashington Vayne Vaher Northern Counties Counties Counties	State Total

COMMERCIAL SUMMER APPLE PRODUCTION IN OHIO BY COUNTIES

	C	Bushels	370	350	7,020	15.4,000	170	2,125 710 350	823 100	2,100	2,000 2,000 84	740	3,310	28,667
1921	Number of Trees in Orchards Reporting	Over 10 Years	130	372	1,778	35 2,060	110	1,085 145	888 15	25 25 25 25 25 25 25 25 25 25 25 25 25 2	1,325	630	1,409	12,697
	Number o Orchards	3.to 10 Years	306		1,198	100	10	170 270 140	1,265	700	700	165	380	5,617
		Froduction in Bushels	645	1,890	8,438 1,600	2,445 6,000	350	3,150 13,720 1,560	8,535	1,020	10,000 2,150 2,040 4,000 4200	1,075	4,560	79,683
1922	Number of Trees in Orchards Reporting	Over 10 Years	317	476 200 522	2,731	1,600	120	1,023	1,859	318	1,950 360 1,325 114	615	1,628	27,877
	Number of Orchards	3 to 10 Years	375		1,466	251	180	1,510	1,265	700	250 885 700 700	225	330	9,792
		Bushels	4,240	4,100	10,506	2,000 4,645 ,000	400	1,280 6,360 1,580	1,500	2,175	10,240 1,950 1,100 7,000 887	2,050	6,480	99,382
1923	f Trees in Reporting	Over 10 Years	1,300	1,078	3,073	1,600 3,918 1,050	180	1,706	1,939	963	3,385 440 140 1,325 459	615	1,896	35,265
	Number of Trees in Orchards Reporting	3 to 10 Years	1,502	175	2,004	966	200	1,519 1,750 1,750	1,265	1,041	850 885 700 120	225	765	15,488
Snumerated Those	3 Years	Over 10 Years	2,479	2,101,1,370	3,718	8,502 8,502 8,365	780	1,500 5,149 8,237 545	888	3,023	4,685 440 472 1,325 856	1,230	2,861	66,497
All Trees Enumerated	Under	3 to 10 Years	5,813	1,297 4,073 1,712	3,560	6,109	456	9,513 5,475 855	1,265	4,298	3,766 1,640 1,400	200	1,701	62,462
	Date of	Enumeration	May, 1924			Dec., 1925 Dec., 1924 Dec., 1925	Nov., 1925	May, 1924 Aug., 1923 Dec., 1924		Dec., 1924 May, 1924 Dec., 1925	Dec., 1924 Dec., 1924 Jan., 1926 Dec., 1925 June, 1924	Jan., 1926	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Counties.		Ashtabula		1 1	Fulton Gallia Geauga		Lake Lawrence Lorain		Ottawa Richland	Ross Sandusky Trumbull Union Washington		Other Southern Counties	State Total

ASHTABULA COUNTY—ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

	Number of	Number	Number	Summer	Varieties	Winter Varieties		
Townships	Orchards	of Acres			Per Cent	Number of Trees	Per Cent	
Conneaut Harpersfield Geneva Kingsville Saybrook Ashtabula Total	33 20 13 31 5 6	417 267 148 145 21 18	25,498 17,834 6,822 6,404 2,016 769	6,776 3,770 1,708 1,678 252 34	26 21 25 26 12 4	18,722 14,064 5,114 4,726 1,764 735	74 79 75 74 88 96	
Fotal	108	1,016	59,343	14,218	24	45,125	. 76	

ASHTABULA COUNTY—AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

		S	ummer	Variet	ies	Winter Varieties							
Townships	Under 3 Yrs.		3 to 10 Yrs.		Over 10 Yrs.		Under	Under 3 Yrs.		3 to 10 Yrs.		Over 10 Yrs.	
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per	Trees	Per Cent	
Conneaut Harpersfield . Geneva Kingsville Saybrook Ashtabula	4,137 441 950 304 94	61 12 56 18 37	1,578 3,192 184 690 158 11	23 85 11 41 63 32	1,061 137 574 684	16 3 33 41	6,322 1,423 2,752 1,392 976	34 10 54 30 55	11,123 11,522 590 2,467 788 714	59 82 11 52 45 97	1,277 1,119 1,772 867	7 8 35 18	
Total	5,926	42	5,813	41	2,479	17	12,865	29	27,204	60	5,056	11	

ASHTABULA COUNTY—PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

Varieties	Conneaut	Harpers- field	Geneva	Kingsville	Saybrook	Ashtabula	Count
, arreties	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent. Duchess Wealthy Grimes Other Summer. Jonathan McIntosh Delicious Greening Stayman Northern Spy. York Come Beauty Baldwin Ben Davis Family. Vinesap Other Fall and Winter.	5 9 6 2 19 3 5 3 11 3 1 4	1 8 12 ** 2 4 7 7 6 6 3 3 ** 18 11 ** 22	2 4 14 1 6 12 3 7 2 6 1) 3 2 9 2 **	3778388154338**2566126	20 8 5	12 1 1 10	3 6 10 3 2 12 4 5 4 6 3 1 1 4 12 5 * * 20

^{*} Less than one per cent.

ATHENS COUNTY—ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

				Summer	Varieties	Winter Varieties		
Townships	Number of Orchards	Number of Acres	Number of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent	
Troy Ames Carthage Trimble Berne Athens Rome York Cannan Waterloo Lee Dover Lodi	32 16 6 9 9 8 1 6	438 264 155 111 106 92 79 62 46 88 31 29 22	17,626 7,126 5,608 3,739 3,698 3,010 2,7311 2,472 1,565 1,559 1,493 902 809	289 459 206 217 160 510 41 	2 6 4 6 4 17 2 7	17,337 6,667 5,402 3,522 3,538 2,500 2,690 2,472 1,452 1,559 1,478 766 744	98 94 96 94 96 83 98 100 93 100 99 85 92	
Total	137	1,523	52,338	2,211	4	50,127	96	

ATHENS COUNTY—AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

		Sı	ummer V	Varieti	es			W	inter V	arietie	s	
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 10	Yrs.	Under 3 Yrs.		3 to 10 Yrs.		Over 10 Yrs.	
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
Athens Rome York Cannan Waterloo	77	15			113	92 91 94 76 100 61 100	3,286 121 93 51 51 438	19 2 2 1 1 18	5,207 2,281 729 684 31 525 1,011 2,472 108	30 34 13 20 1 21 38 100 7	8,844 4,265 4,580 2,787 3,456 1,537 1,679	51 64 85 79 98 61 62 88
Lee Dover Lodi			26	19	15 110 65	100 81 100	52	7	87 103	11 14	1,478 679 589	100 89 79
Total	82	4	271	12	1,858	84	4,169	8	13,233	27	32,725	65

ATHENS COUNTY - PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

Varieties	Troy	Ames	Carthage	Trimble	Berne	Athens	Rome
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cen
Yellow Transparent. Duchess Wealthy Other Summer Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy York Rome Beauty Baldwin Ben Davis Family Winesap Other Fall and Winter.	*	1	3 4 4 * 1 34 1 36 *	2 3 8 * 1 2 3 2 44 3 7 *	3 * 1 3 6 	6 1 4 6 6 6 2 1 1 1 1 * 2 8 8 8 6 5 5 3	* * * * * * * * * * * * * * * * * * *

^{*} Less than one per cent.

ATHENS COUNTY - Continued

Varieties	York	Cannan	Waterloo	·Lee	Dover	Lodi	County
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	
Yellow Transparent Duchess Wealthy				*	5	1	1
Other Summer Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy	21 21 21 21	2 3 5 1	24	1 10	4 6 4 2 1	1 5 7 1	1 2 7 4 * 4 *
York Rome Beauty. Baldwin Ben Davis Family. Vinesap Other Fall and Winter.	25	3 56 1 20 *	34 17	35 18 3 8 4	2 8 3 4 12	1 3 67 4 2 1	3 43 2 12 1 1

^{*} Less than one per cent.

COLUMBIANA COUNTY - ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated January, 1925

Townships	Number of	Number	Number	Summer	Varieties	Winter Varieties		
Townsmps	Orchards	of Acres	of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent	
Unity Salem Fairfield Middleton Perry Butler Centre Totals	33 34 8 8 1	666 269 686 421 71 8 35	19,336 8,637 23,203 13,031 3,812 421 1,470	1,769 788 1,574 2,190 341 53 210	9 9 7 17 9 13	17,567 7,849 21,629 10,841 8,471 368 1,260	91 91 93 83 91 87 86	
Totals	83	2,156	69,910	6,925	10	62,985	90	

COLUMBIANA COUNTY—AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated January, 1925

		S	ummer '	Varieti	ies			V	/inter V	arietie	S	
Townships	Under	3 Yrs.	3 to 10 Yrs.		Over 10 Yrs.		Under 3 Yrs.		3 to 10 Yrs.		Over 10 Yrs.	
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
Unity Salem Fairfield Middleton Perry Butler Centre	426	27 25 74 100	1,092 788 523 1,586 84	62 100 33 72 24	462 625 68 5	26 40 3 2	3,765 7,692 6,233 5,454 2,142 368	21 98 29 50 62 100	4,649 157 7,036 1,507 1,150	27 2 32 14 33	9,153 8,360 3,880 179	39 36 5 100
Total	1,482	24	4,073	54	1,370	22	25,654	40	14,499	23	22,832	37

COLUMBIANA COUNTY — PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated January, 1925

Veriation	Unity	Salem	Fairfield	Middleton	Perry	Butler	Centre	County
Varieties	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent Duchess Wealthy Other Summer Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy. York Rome Beauty. Baldwin Ben Davis Family Winesap Other Fall and Winter	1 2 9 1 4 1 19 * 2 2 2 4	3 * 6 * 6 16 * * * 49 * * * 9 6 6 2 * 3	1 1 2 3 4 9 * 3 * 16 * 1 2 26 3 * 29	7 3 7 3 3 11 * 5 * 22 1 1 8 10 2 1 16	3 2 3 2 1 37 1 4 * 6 * 1 1 1 5 * * 24	5 * 8 * * * 7 * * 50 * * * * * * * * 15	6 7 * 1 18 * * * * * 4 4 4 * * 23	3 2 3 2 4 12 1 3 * 21 1 1 4 19 3 * 21 21

^{*} Less than one per cent.

ERIE COUNTY — ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated February, 1924

	N	Number of Acres	Number	Summer	Varieties	Winter Varieties		
Townships	Number of Orchards		of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent	
Florence	58	583	23,662	2,927	12	20,735	88	
Berlin	89	417	16,332	3,260	20	13,072	80	
Vermilion	70	239	8,248	1,322	16	6,926	84	
Perkins	72	156	4,967	834	17	4,133	83	
Margaretta	43	149	5,195	414	8	4,781	92	
Huron	43	131	4,677	688	15	3,989	85	
Milan	28	78	2,766	270	10	2,496	90	
Kelley's Island	28	. 35	. 1,491	112	7	1,379	93	
Portland	· 16	20	766	130	17	636	83	
Oxford	2	6	168	14	8	154	92	
Total	449	1,814	68,272	9,971	15	58,301	85	

ERIE COUNTY — AGE OF TREES IN COMMERCIAL APPLE ORCHARDS Enumerated February, 1924

		S	ummer	Varieti	ies ·		Winter Varieties						
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 1	0 Yrs.	Under	3 Yrs.	3 to 10	Yrs.	Over 1	0 Yrs.	
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	
Florence Berlin Vermilion Perkins Margaretta Huron Milan Kelly's Island Portland Oxford	727 448 153 11 56 11	43 22 34 18 2 8 4 1 2 2 20	442 1,840 296 175 263 318 95 86 45	15 57 22 21 64 46 35 77 35	1,226 693 578 506 140 314 164 24 59	42 21 44 61 34 46 61 21 45 100	4,768 1,386 1,373 518 338 251 169 166 184	23 11 20 13 7 6 7 12 29	1,960 5,303 2,202 1,086 1,958 1,759 1,133 544 65	9 40 32 26 41 44 45 39 10	14,007 6,383 3,351 2,529 2,485 1,979 1,194 669 387 154	68 49 48 61 52 50 48 49 61 100	
Total	2,693	27	3,560	36	3,718	37	9,153	16	16,010	27	33,138	57	

ERIE COUNTY—PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated February, 1924

Varieties	Berlin	Florence	Ver- milion	Perkins	Mar- garetta	Kel- ley's Island	Huron	Milan	Port- land	Oxford	County
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent Duchess Wealthy Other Summer. Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy. York Rome Beauty Baldwin Ben Davis Family Winesap Other Fall and Winter	7 8 3 1 6 1 3	4 4 3 2 1 1 3 1 3 2 5 5 1 * * * 42 9 *	3 2 4 8 3 7 * 7 3 5 2 2 29 2 2	2 2 10 4 3 1 5 4 1 5 1 3 18	2 * 3 3 3 3 2 * 12 7 1 4 * 7 24 9 * . 23	2 2 * * 3 * * 22 1 1 1 1 .3 * * 10 23 * 1 1 1 1 18	2 1 5 7 2 2 2 1 6 6 2 3 * 2 2 5 5 1 1 34	1 * * * 7 4 5 5	2 1 4 9 5 1	25 9 4 23	3 4 4 4 2 8 1 5 3 5 2 1 1 30 8 **

^{*} Less than one per cent.

GALLIA COUNTY — ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

	7.7	NT 1	Norma	Summer	Varieties	Winter Varieties		
Townships	Number of Orchards	Number of Acres	Number of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent	
Clay Harrison Ohio Green Guyan Springfield Walnut Greenfield Addison Cheshire Raccoon Perry Gallipolis Huntington Morgan	67 26 17 19 16 5 18 10 5 7 7 6 2 2 8	868 457 319 273 306 228 187 93 87 86 66 60 53 39	47,777 22,975 15,950 14,333 13,500 11,400 10,074 5,270 4,500 4,365 3,550 3,060 2,656 2,300 800	4,972 655 1,306 850 2,645 4,535 961 537 643 270 93 105 156 145	10 3 8 6 20 40 10 10 14 6 3 8 6	42,805 22,320 14,644 13,483 10,855 6,865 9,113 4,733 3,857 4,096 3,457 2,955 2,500 2,155 800	90 97 92 94 80 60 90 86 94 97 97 94	
Total	214	3,138	162,510	17,873	12	144,637	88	

GALLIA COUNTY—AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

		S	ummer	Varieti	ies			V	Vinter V	arietie	es	
Townships	Under	3 Yrs.	3 to 10 Yrs.		Over 10 Yrs.		Under 3 Yrs.		3 to 10 Yrs.		Over 10 Yrs.	
lav	Trees	Per	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
Raccoon Perry Gallipolis Huntington	34 150 15 25 18		1,878 388 615 507 365 4,520 485 25 75 52 44 500 115	38 59 47 60 13 100 50 4 28 56 42 32 79	3,074 233 541 328 2,290 15 476 512 600 195 41 61 106 30	62 36 41 38 87 * 50 95 93 72 44 58 68 21	813 441 50 42	2 2 *	9,084 11,252 4,550 8,063 1,560 2,105 3,635 1,220 615 775 2,588 700 125 1,618 400	21 50 31 60 14 31 40 26 16 19 75 24 5	32,908 10,627 10,044 5,420 9,295 4,760 5,478 3,513 3,200 3,320 869 2,255 2,375 537 400	777 48 69 69 60 60 74 83 81 255
Total	262	1	9,109	51	8,502	48	1,346	1	48,290	32	95,001	6'

^{*} Less than one per cent.

GALLIA COUNTY—PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

Varieties	Clay	Harrison	Ohio	Green	Guyan	Springfield	Walnut	Greenfield
Valleties	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent Duchess	1	1	6	1 *	10 2	40	1	1
Wealthy Other Summer Grimes Jonathan	2 3 8 2	* 1 7 3	3 4 *	# 4 12 4	2 6 8 *	1 3 2	1 8 4	1 9 2
McIntosh Delicious Greening		3		1	*	2	*	
Northern SpyYork	4 * 1	3	*	2 *	711	4	*	***********
Rome Beauty	34 1 27	41 * 29	54 1 19	40 2 19	30 1 34	45	40	70
Winesap Other Fall and Winter	* 11	1 10	10	13	2 4	1 L	23 4 9	7 1 8

GALLIA COUNTY - PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS - Continued

Varieties	Addison	Cheshire	Raccoon	Perry	Gallipolis	Huntington	Mor- gan	County
varieties	Per Cent	Per Cent	· Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Cent Per
Yellow Transparent		*	1	1	8	3		6
Wealthy Other Summer Grimes	7 1 11	6	* 2 4	* 3 1	* 38	5 3 4	1	3 7
Jonathan	. 3	2	1	7	6	3	3	2
Greening Stayman Northern Spy	. 17		1			15	6	3
York Rome Beauty Baldwin	. 32	13	52 17	34	35	3 49	60	2 40 1
Ben Davis Family Winesap Other Fall and Winter	. 14	10 2 48	8 * 11	41	13	7	26	22 1 10

^{*} Less than one per cent.

JACKSON COUNTY—ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated January, 1925

			rated ou	,,				
		3.7	27 1	Summer	Varieties	Winter Varieties		
Townships	Number of Orchards		Number of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent	
Franklin Coal Madison Lick Bloomfield Jefferson Washington Milton Scioto	6	948 242 262 258 161 147 129 126 76	41,910 11,625 11,352 9,755 7,260 6,365 5,250 4,733 3,630	1,328 300 115 283 330 75 165 132 207	3 3 5 1 3 5	40,582 11,325 11,237 9,472 6,930 6,290 5,095 4,601 3,423	97 97 99 97 95 99 97 97	
Total	79	2,344	101,880	2,925	3	98,955	97	

JACKSON COUNTY—AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

			En	umer	ated J	anua	ry, 192	.5				
		S	ummer	Varieti	ies			V	Vinter V	arietie	es .	
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 1	Yrs.	Under	3 Yrs.	3 to 10	Yrs.	Over 1	0 Yrs.
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
7	5 100 100	1	105 140 6 8 50 12 70	92 50 2 10 32 9 84	333 300 5 43 225 67 105 120 137	25 100 4 15 68 90 68 91 66	3,305 2,413 585 1,105 150	28 30 25 8 18 3	13,997 122 7,672 6,712 3,705 2,920 2,200 2,013 1,875	34 1 68 71 53 46 43 44 55	15,409 11,203 260 317 2,640 2,265 2,745 2,588 1,423	38 99 2 4 39 36 54 56 41
Total	705	24	885	31	1,335	45	18,859	21	41,216	46	38,880	33

JACKSON COUNTY—PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated January, 1925

Varieties	Frank- lin	Coal	Madi- son	Lick	Bloom- field	Jeffer- son	Wash- ington	Milton	Scioto	County
varieties	Cent Per	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent Duchess Wealthy Other Summer. Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy York Rome Beauty Baldwin Ben Davis Family Winesap Other Fall and Winter	1 * 10 2 * 8	* 2 5 18 16 14 1 2 17 2 1 * 222	** ** 6 7 10 * 19 * 41 5 * 12	2 * * 1 7 2 2 6 21 * * 44 * 3 4 4 10	2 1.2366. 1.10* 2.62* 8.8*	** 17766 3 6 ** 46 ** 18	* 2 3 1 * 8 * * 53 * * 3	1	1 * 1 4 7 7 6 * 9 * 2 33 * 14 * * 23	1 * 1 1 7 7 5 5 * 8 8 * 10 • • 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

^{*} Less than one per cent.

LAKE COUNTY—ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

	Number of	Number	Number	Summer	Varieties	Winter Varieties		
Townships	Number of Number Orchards of Acres		of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent	
Kirkland Madison Willoughby Painesville Mentor Perry Concord Leroy Total	55 84 25 19 14 64 17 9	631 319 155 190 144 197 137 59	23,392 12,372 8,808 8,728 7,404 6,941 5,699 2,164	6,552 2,316 3,484 2,048 1,633 1,987 1,791 365	28 19 40 23 22 28 31 17	16,840 10,056 5,324 6,680 5,771 4,954 3,908 1,799	72 81 60 77 78 72 69 83	

LAKE COUNTY — AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

		Sı	ammer \	Varieti	es		Winter Varieties							
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 10	Yrs.	Under	3 Yrs.	3 to 10	Yrs.	Over 10	Yrs.		
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent		
Kirtland Madison Willoughby Painesville Mentor Perry Concord Leroy	1,151 638 820 147 1,026 210	20 50 18 40 9 52 12 50	2,218 1,078 2,307 721 1,210 934 913 131	34 47 66 35 74 47 51 36	2,992 87 539 507 276 27 668 53	46 3 16 25 17 1 37 14	1,969 4,551 2,105 955 682 1,847 588 1,142	12 45 40 14 12 37 15 63	3,543 4,135 1,557 2,373 2,999 1,947 2,492 159	21 41 29 36 52 39 64 9	11,328 1,370 1,662 3,352 2,090 1,160 828 498	67 14 31 50 36 24 21 28		
Total	5,515	27	9,512	47	5,149	26	13,839	25	19,205	35	22,288	40		

LAKE COUNTY—PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

Varieties	Kirtland	Madi- son	Willoughby	Paines- ville	Mentor	Perry.	Con-	Leroy	County
v arieties	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent Duchess Wealthy Other Summer Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy York Rome Beauty Baldwin Ben Davis Family Winsap Other Fall and Winter	1 1 14	1 2 5 10 2 8 1 17 8 9 1 1 13 2 *	2 15 8 16 2 6 2 3 1 3 2 1 2 1 2 13 *	3 3 5 12 * 6 3 2 5 4 1	8 3 6 5 3 9 1 3 3 2	3 5 4 17 * 7 1 1 * 3 2 2	1 4 13 14 13 14 1 8 2 1 1 28 * * * 20	6 2 2 2 6	3 5 6 6 12 1 8 8 8 8 8 8 2 2 * * 1 19 2 2 * * 21
	1								

^{*} Less than one per cent.

LAWRENCE COUNTY—ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated August, 1923

				Summer	Varieties	Winter V	Varieties
Townships	Number of Orchards	Number of Acres	Number of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent
Union Windsor Rome _awrence Fayette Elizabeth Mason Symmes	77 51 36 9 14 2 4 3	1,602 808 628 298 257 165 . 96	88,725 40,228 32,421 17,957 15,819 8,800 4,698 4,268	5,785 2,856 2,756 988 1,297 1,478 212 277	6 7 8 5 8 17 4 6	82,940 37,372 29,665 16,969 14,522 7,322 4,486 3,991	94 93 92 95 92 83 96 94
Total	196	3,937	212,916	15,649	7:	197,267	93

LAWRENCE COUNTY — AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated August, 1923

	-			- CILLOI	accu 1	rugu	st, 132					
		S	ummer	Variet	ies			v	Vinter V	arieti	es	
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 1	0 Yrs.	Under	3 Yrs.	3 to 10	Yrs.	Over 1	0 Yrs.
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
Union	155 163 66 1,423	3 6 5 96	2,374 748 1,406 428 410 55 54	41 26 51 43 32 26 20	3,256 1,945 1,350 560 821 55 157 93	56 68 49 57 63 4 74 33	6,005 2,661 1,697 309 1,920 770 49 771	7 7 6 2 13 11 1 19	20,279 6,204 7,843 4,751 4,095 4,404 3,410 1,988	25 17 26 28 28 60 76 50	56,656 28,507 20,125 11,909 8,507 2,148 1,027 1,232	68 76 68 70 59 29 23 31
lotal	1,937	12	5,475	35	8,237	53	14,182	7	52,974	27	130,111	66

LAWRENCE COUNTY—PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated August, 1923

Varieties	Union	Wind- sor	Rome	Law- rence	Fayette	Eliza- beth	Mason	Symmes	County
	Per Cent	Cent Per	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Cent Per	Per Cent
Yellow Transparent. Duchess Wealthy Other Summer Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy York Rome Beauty. Baldwin Ben Davis Family Winesap Other Fall and Winter.		2 1 1 2 2 1 * * 72 * 3	3 2 1 2 6 2 3 1 63 1 4 *	1 1 3 6 5 12* 2 2 ** 46 1 12:	2 1 2 4 11 9 * 6 6	17 * 13 6 12 12 12 2	2 * 1 2 8 1 1 17 17 12 54 * * 2	2 * 8 2 7 3 3 * 7 * * * * * * * * * * * * * * *	3 1 1 1 6 2 5

^{*} Less than one per cent.

OTTAWA COUNTY — ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

			,	Summer	Varieties	Winter \	Varieties
Townships	Number of Orchards	Number of Acres	Number of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent
Danbury Catawia Bay Carroll Portage Erie Put-in-Bay Total		386 280 541 297 191 149 10	15,663 10,910 20,962 11,878 10,037 7,109 520	1,295 983 2,310 683 1,773 1,049	8 9 11 6 18 15	14,367 9,928 18,652 11,195 8,265 6,059 520	92 91 89 94 82 85 100

OTTAWA COUNTY—AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

		St	ummer `	Varieti	ies		Winter Varieties							
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 10	Yrs.	Under	3 Yrs.	3 to 10	Yrs.	Over 10	Yrs.		
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent		
Danbury Catawba Bay Carroll Portage Erie Put-in-Bay	133 207 52	24 14 9 8 4	605 476 1,132 270 1,215 600	47 48 49 39 69 57	380 374 971 361 488 449	29 38 42 53 27 43	4,992 2,963 3,021 2,669 878 345	35 30 16 24 11 6	5,022 3,573 7,473 3,546 3,420 2,528 436	35 36 40 32 41 42 84	4,353 3,392 8,158 4,980 3,967 3,186 84	80 39 4- 4- 4- 5:		
Total	772	10	4,298	53	3,023	37	14,868	21	25,998	38	28,120	4		

OTTAWA COUNTY — PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated May, 1924

AT 1.45	Danbury	Catawba	Bay	Carroll	Portage	Erie	Put-in- Bay	County
Varieties	Per Cent	Per Cent						
Yellow Transparent	1	3	1	1 1	2	*	5	2
Duchess		3	9	1	14	4		6
Wealthy	2	2	1	2		2	1	2
Other Summer	2	2	1	4b ,	. Z	9 7	10	5
Grimes	9	} 7	3	4	3 5	1 4	2	7
Jonathan	11	4	8	0 1	9	9	1 4	4
McIntosh	1	3	T]	4	4 70	1 6
Delicious	10	18	4	17	4	1 1	1 10	0
Greening	. 3	1	2	4	1 4	3	2	0
Stayman	5	14	1:	2		1 1	2	9
Northern Spy	3	1	2	4	2	2	10	2
York	*	*	1		1	1		1

OTTAWA COUNTY -- PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS -- Continued

Nieutate-	Danbury	Catawba	Bay	Carroll	Portage	Erie	Put-in- Bay	County
Varieties	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Rome Beauty	2 16 3 * 29	3 9 1 1 28	# 40 4 1 22	* 20 6 * 30	1 39 5 * 18	25	1 2 55	27 3 *

^{*} Less than one per cent.

ROSS COUNTY — ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

	Number of	Number	Number of Trees	Summer	Varieties	Winter Varieties		
Townships	Orchards	of Acres		Number of Trees	Per Cent	Number of Trees	Per Cent	
Scioto	3	370	17,700	4,250	24	13,450	76	
South Union	6	256	10,967	1,935	18	9,032	82	
Twin	2	250	10,900	600	5	10,300	95	
liberty	1	75	4,425	950	21	3,475	79	
Concord	8	134	3,875	786	20	3,089	80	
Iuntington	3	90	3,750	165	4	3,585	96	
Point	7	59	2,085	160	8	1,925	92	
Buckskin	3	27	1,340	50	4	1,290	96	
Total	33 ,	1,261	. 55,042	8,896	16	46,146	84	

ROSS COUNTY—AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

		S	ummer	Varieti	ies		Winter Varieties						
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 10	O Yrs.	Under	3 Yrs.	3 to 10	Yrs.	Over 1	0 Yrs.	
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	
Scioto	870 25	39 3 30	3,400 10 250 6	80 1 26 1 62	850 1,925 600 330 755 115 60 50	20 99 100 35 96 70 38 100	3,000 600 300 1,149 420 1,650 605 40	22 7 3 33 14 46 31 3	7,100 240 300 711 344 200 825	53 3 3 20 11 6 43	3,350 8,192 9,700 1,615 2,325 1,735 495 1,250	25 90 94 47 75 48 26 97	
Total	445	5	3,766	42	4,685	53	7,764	17	9,720	21	28,662	62	

ROSS COUNTY—PERCENTAGE VARIETIES IN COMMERCIAL APPLE ORCHARDS

Enumerated December, 1924

Varieties	Scioto	South Union	Twin	Liberty	Concord	Hunting- ton	Point	Buck- skin	County
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent Duchess Wealthy Other Summer Grimes Jonathan McIntosh Delicious Greening Stayman Northern Spy. York Rome Beauty Baldwin Ben Davis Family Winesap Other Fall and Winter	5 4 5 9 8 2 5 5	14 * 1 3 5 7 * * * * 3 5 4 4 35 5 * 23	3 1 1 1 1 5 10 	7 3 9 14 3 2 11 	21 1 3 2 2 ** 4 1 1 8 15 **	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 * * 6 10 5 5 11 11 12 * 7 1 27	* * * * * * * * * * * * * * * * * * *	9 2 2 3 7 8 1 1 3 * * * * * * * * * * * * * * * * *

^{*} Less than one per cent.

WASHINGTON COUNTY—ACREAGE AND TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated June, 1924

	Number of	Number	Number	Summer	Varieties	Winter Varieties		
Townships	Orchards	of Acres	of Trees	Number of Trees	Per Cent	Number of Trees	Per Cent	
Belpre	40	580	22,929	1,270	5	01 050	0.7	
Newport	îi	200	8,966	53	9	21,659 8,913	95 99	
Muskingum	4	163	6,474	54	7	6,420	99	
Marietta	9	113	4,050	139	3	3,911	97	
Waterford	5	97	3,980	100		3,980	100	
Barlow	11	95	3,483	75	2	3,408	98	
Dunham	9	67	2,429	64	3	2,365	97	
Warren	6	61	1,958	11	1	1,947	99	
Decatur	5	39	1,300	176	14	1,124	86	
Fairfield	2	24	877	21	2	856	. 98	
Watertown	4	17	856	107	12	, 749	88	
Total	106	1,456	57,302	1,970	3	55,332	97	

WASHINGTON COUNTY — AGE OF TREES IN COMMERCIAL APPLE ORCHARDS

Enumerated June, 1924

	 	, S	ummer `	Varieti	ies			V	Vinter V	arietie	s	
Townships	Under	3 Yrs.	3 to 10	Yrs.	Over 1	Yrs.	Under	3 Yrs.	3 to 10	Yrs.	Over 10	Yrs.
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
Belpre Newport Muskingum Marietta Waterford Barlow Dunham Warren Decatur Fairfield Watertown	128	73	27	71 19	322 53 54 112 75 64 11 48 21 96	25 100 100 81 100 100 100 27 100 90	4,568 642 2,621 214 428 1,315 685 69 300	21 7 41 5 11 39 29 4 27	4,131 2,889 2,461 1,718 1,123 765 446 225 284	19 33 38 44 28 22 19 11 25	12,960 5,382 1,338 1,979 2,429 1,328 1,234 1,653 540 856 722	60 60 21 51 61 39 52 85 48 100 96
Total	192	9	922	47	856	44	10,842	20	14,069	25	30,421	55

WASHINGTON COUNTY—PERCENTAGE VARIETIES IN COMMER-CIAL APPLE ORCHARDS

Enumerated June, 1924

Varieties	Belpre	Newport	Muskingum	Marietta	Waterford
v arieties	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Yellow Transparent	2		*	1	1
Duchess	*	1			
Wealthy	2		*	*	
Other Summer	1		*	2	
Grimes	5	9	13	3	14
Jonathan	1	4	1	4	4
McIntosh	*				
Delicious	5	5	1	2	4
Greening	(*	[1 *
Stayman	4	8	11	7	7 2
Northern Spy	*	J		*	
York	1		*	1	
Rome Beauty		68	45	64	69
Baldwin				2	
Ben Davis Family	9	9	16	10	1 4
Winesap	*			, ,	
Other Fall and Winter	3	1	13	4	8

^{*} Less than one per cent.

WASHINGTON COUNTY—PERCENTAGE VARIETIES IN COMMER CIAL APPLE ORCHARDS—Continued

Varieties	Barlow	Dunham	Warren	Decatur	Fairfield	Water- town	County						
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent						
Yellow Transparent	*		l I	*	* * * * * * * * * *	3	1						
Wealthy Other Summer Grimes	*	1 2	*	7	2	* 9	1						
onathan	7	10	9	2 12	3	12	7 2 *						
Delicious	9	1	1	10		*	4 *						
Stayman Northern Spy	*	*	2			3 1	5 *						
Come Beauty	51	81	80	45	40	1 44 1	64						
Ben Davis Family		4	3	12	49	12	10						
Other Fall and Winter	18		• • • • • • • • •	3	6	13	5						

^{*} Less than one per cent.

ACREAGE AND TREES IN COMMERCIAL PEACH ORCHARDS

Const	Total	Total		rly	Elber	tas	Late Va	rieties
Counties	Acres	Trees	Trees	Per Cent of Total	Trees	Per Cent of Total	Trees	Per Cent of Total
State Total	6,769	1,103,008	85,383	8	774,786	70	242,839	22
Ashtabula Athens Belmont Carroll Clermont Columbiana	25 358 149 5 7 50 31	2,700 67,291 22,010 2,295 800 11,698 42,870	750 5,841 1,502 430 200 1,950 5,009	28 8 7 19 25	1,100 35,595 16,033 1,210 400 6,056	41 53 73 53 50 50	850 25,855 4,475 655 200 3,702	31 39 20 28 25
Coshocton Delaware Erie	5 6 714	2,520 3,760 107,440	95 385 8,296	10 8	31,447 1,450 2,400 85,221	73 57 64 79	6,414 975 975 13,923	15 39 26 13
Gallia Geauga Guernsey Hamilton	55 130 11 2 86	15,220 15,585 2,350 990 10,116	1,526 40 225 200 918	10 9 20 9	8,409 15,270 1,500 200 7,188	55 98 64 20 71	5,285 275 625 590 2,010	35 2 27 60 20
Hocking Holmes Huron Jackson Jefferson	48 7 45 9	7,990 2,200 6,271 11,265 3,385	390 25 1,393 1,209 570	5 1 22 11 17	6,750 1,675 2,391 7,963 2,140	84 76 38 71 63	850 500 2,487 2,093 675	11 23 40 18 20
Knox Lake Lawrence Lorain Lucas	330 360 64 21	2,600 53,049 37,177 8,739 2,400	550 7,167 9,236 1,574 900	21 13 25 18 38	1,200 33,786 19,210 2,000 675	46 64 52 23 28	850 12,096 8,731 5,166	33 23 23 59
Mahoning Meigs Morgan Muskingum Ottawa	59 10 15	39,742 3,300 2,515 3,770 584,189	3,264 440 170 741 16,150	8 13 7 20 3	30,022 2,035 1,515 1,235 404,115	76 62 60 33 76	825 6,456 825 830 1,794 113,924	34 16 25 . 33 47 21
Pike Portage Richland Ross Sandusky	48 32 13 106 15	5,945 10,400 3,125 18,075 2,665	700 5,880 875 1,070	12 57 5 40	3,875 3,680 2,375 11,200 690	65 35 76 62 26	1,370 840 750 6,000 905	23 8 24 33 34
Scioto Stark Summit Trumbull Tuscarawas	22 27 42 8	9,280 4,995 3,971 800 4,010	1,175 1,395 371	13 28 10	5,272 3,035 3,300 800	57- 61 83 100	2,833 565 300	80 11 7
Washington Wayne	41 16	6,271	167 1,754	3 24	2,360 4,398 3,620	59 70 50	1,706 1,860	20 27 26

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AGE OF TREES IN COMMERCIAL PEACH ORCHARDS

		Early	Varietie	es		EII	bertas			Late	Varieties	
Counties	Under	4 Yrs.	Over	4 Yrs.	Under	4 Yrs.	Over 4	Yrs.	Under	4 Yrs.	Over 4	Yrs.
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
State Total	36,787	43	48,596	57	276.310	36	498,476	64	63,503	26	179,336	74
Ashland	400 1,543 375 200	53 26 25 47	350 4,298 1,127 230 200	47 74 75 53 100	600 17,440 2,905 630 100	55 49 18 52 25	500 18,155 13,128 580 300	45 51 82 48 75	400 6,340 1,072 50	47 25 24 8	450 19,515 3,403 605 200	53 75 76 92 100
Clermont Columbiana Coshocton Delaware Erie	1,200 2,389 50 2,624	62 48 13 32	750 2,620 95 335 5,672	38 52 100 87 68	4,296 15,321 350 21,873	71 49 15 26	1,750 16,126 1,450 2,050 63,348	29 51 100 85 74	1,824 3,367 300 2,749	49 53 31 20	1,878 3,047 975 675 11,174	51 47 100 69 80
Fairfield Gallia Geauga Guernsey Hamilton	700 150 200 156	67 100 17	826 40 75 762	54 100 33	4,690 2,215 1,000 200 1,848	56 15 67 100 26	3,719 13,055 500 5,340	44 85 33 74	2,801 550 590 930	53 88 100 46	2,484 275 75	47 100 12
Hocking Holmes Huron Jackson Jefferson	100 25 422 142 160	26 100 30 12 28	971 1,067 410	74 70 88 72	1,600 1,675 851 1,893 605	24 100 36 24 28	5,150 1,540 6,070 1,535	76 64 76 72	100 500 900 865 70	12 100 36 41 10	750 1,587 1,228 605	64 59 90
Knox Lake Lawrence Lorain Lucas	250 3,299 3,790 754 300	45 46 41 48 33	300 3,868 5,446 820 600	55 54 59 52 67	600 21,825 5,507 480 375	50 65 29 24 56	600 11,961 13,703 1,520 300	50 35 71 76 44	450 6,301 2,616 830 225	53 52 30 16 27	400 5,795 6,115 4,335 600	47 48 70 84 73
Mahoning Meigs Morgan Muskingum Ottawa	1,738 104 8,183	53 14 51	1,526 440 170 637 7,967	47 100 100 86 49	19,266 638 20 286 124,206	64 31 1 23 31	10,756 1,397 1,495 949 279,909	36 69 99 77 69	3,865 660 520 689 14,716	60 80 63 38 13	2,591 165 310 1,105 99,208	40 20 37 62 87
Pike	650 3,400 425 170	93 58 49 16	50 2,480 450 900	7 42 51 84	3,275 2,200 875 6,550 100	85 60 37 58 14	600 1,480 1,500 4,650 590	15 40 63 42 86	1,055 600 125 5,100 315	77 71 17 85 35	315 240 625 900 590	23 29 83 15 65
Scioto Stark Summit Frumbull Fuscarawas Washington Wayne	485 500 300 100 49 1,454	41 36 79 12 29 83	690 895 71 750 118 300	59 64 21 21 88 71 17	1,542 1,450 3,300 200 1,030 2,023 470	29 48 100 25 44 46 13	3,730 1,585 600 1,330 2,375 3,150	71 52 75 56 54 87	778 75 300 100 775	27 13 100	2,055 490 700 931 1,860	73 87 87 55

COMMERCIAL PRODUCTION OF EARLY PEACHES IN OHIO

Counties.	Date of Enumeration	Number of Trees Over 4 Years Old	Over in Orc	aber of ' 4 Years hards R Produc	Old eport-	Production in Bushels			
			1923	1922	1921	1923	1922	1921	
Ashtabula Columbiana Erie Lake Lawrence Mahoning Ottawa Portage Other Northern Counties Other Southern Counties	Jan., 1925 Feb., 1924 May, 1924 Aug., 1923 Jan., 1925 May, 1924 Dec., 1925	4,298 2,620 5,672 3,868 5,446 1,526 7,967 2,480 5,266 5,780	3,295 975 4,024 483 3,110 1,014 2,726 	975 125 3,145 308 3,185 759 1,451 60 2,885	375 1,050 108 875 1,150 915	2,960 1,350 6,075 415 1,080 2,340 2,502 5,430 2,415	885 150 4,550 220 3,105 1,090 1,827 300 2,164 1,075	305 870 100 254 852 965	
Total	• • • • • • • • • • • • • • • •	41,923	21,048	13,803	4,473	24,567	15,366	3,346	

COMMERCIAL PRODUCTION OF ELBERTA PEACHES IN OHIO

Counties.	Date of Enumeration	Number of Trees Over 4 Years Old	Over in Ord	nber of 4 Years chards R	Old eport-	Pro	duction : Bushels	
			1923	1922	1921	1923	1922	1921
Ashtabula Athens Columbiana Erie Fairfield	May, 1924 Dec., 1924 Jan., 1925 Feb., 1924 Nov., 1925	18,155 13,128 16,126 63,348 3,719	10,890 3,430 7,195 46,831	5,555 300 125 40,074	1,990 240 11,077 595	10,805 1,460 9,580 50,798	4,225 425 150 47,440	1,375 310 9,430 80
Gallia Hamilton Hocking Lake Lawrence	May, 1924	13,055 5,340 5,150 11,961 13,703	7,650 2,155 4,600 2,871 4,995	5,085 3,655 150 2,396 7,795	1,465 1,056 450	5,121 2,060 850 5,515 3,612	3,625 6,077 450 4,650 11,055	10 900 265
Mahoning Ottawa Portage Ross Scioto	Jan., 1925 May, 1924 Dec., 1925 Dec., 1924 June, 1924	10,756 279,909 1,480 4,650 3,730	6,749 117,850 3,400 1,300	5,216 70,319 185 2,500	364 18,265	14,944 137,286 2,100 800	6,875 75,444 300 700	675 6,215
Stark	Jan., 1925 June, 1924 Jan., 1926	1,585 2,375 3,150	250 700 1,465	1,260	250 160	100 470 400	2,110	150 250
Counties Other Southern Counties		8,550 5,889	6,250 2,045	4,085 2,335	850 1,350	11,635 775	4,585 3,080	1,170 350
Total		485,759	230,626	151,100	38,112	258,311	171,256	21,180

COMMERCIAL PRODUCTION OF LATE PEACHES IN OHIO

Counties.	Date of Enumeration	Number of Trees Over 4 Years Old	Over in Ord	nber of 4 Years chards R 7 Produc	Old leport-	Proc	luction Bushels	
			1923	1922	1921	1923	1922	1921
Ashtabula Columbiana Erie Fairfield Hamilton Huron Lake Lawrence Mahoning Ottawa Other Northern Counties Other Southern Counties	Nov., 1925 Nov., 1925 Dec., 1924 May, 1924 Aug., 1923 Jan., 1925 May, 1924	19,515 3,047 11,174 2,484 1,080 1,587 5,795 6,115 2,591 99,208 8,755	11,175 550 6,080 770 540 1,413 736 2,240 1,729 49,670 7,600	4,975 250 6,068 770 540 700 636 3,065 1,414 30,920 2,795 1,265	2,100 1,935 600 436 75 13,651 4,300 210	6,645 600 7,815 1,700 700 1,500 885 2,100 2,875 35,258 5,148 1,385	3,731 300 6,815 320 1,100 200 125 3,125 1,245 24,529 2,416 1,760	745 930 120 50 25 4,951 3,625 155
Total		173,711	83,823	53,398	23,307	66,611	45,666	10,601

ASHTABULA COUNTY—ACREAGE AND TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated May, 1924

	Total	Total	Early V	Varieties	Elb	ertas	Late V	varieties
Townships	Acres	Trees	Trees	Per Cent of Total	Trees	Per Cent of Total	Trees	Per Cent of Total
Conneaut Kingsville Harpersfield Geneva Saybrook Ashtabula Total	114 96 78 22 28 20	29,064 17,194 10,993 4,123 3,602 2,315 67,291	2,940 1,381 388 318 683 131 5,841	10 8 4 8 19 6	18,039 6,447 5,533 2,105 1,460 2,011 35,595	62 37 50 51 41 87	8,085 9,366 5,072 1,700 1,459 173	28 55 46 41 40 7

ASHTABULA COUNTY—AGE OF TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated May, 1924

	E	Carly V	arieties			Elbe	ertas		Late Varieties				
Townships	Under 4 Yrs. Over 4 Yrs.		Yrs.	Under	Under 4 Yrs. Over 4 Yrs.			Under 4 Yrs. Over 4 Y			Yrs.		
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	
Conneaut Kingsville Harpersfield Geneva Saybrook Ashtabula Totals	206 297	23 15 93 42 52 26	2,257 1,175 388 21 394 63	77 85 100 7 58 48	12,253 3,728 136 834 489	68 58 2 40 33	5,786 2,719 5,397 1,271 971 2,011	32 42 98 60 67 100	2,431 1,763 1,082 587 409 68	30 19 21 35 28 39	5,654 7,603 3,990 1,113 1,050 105	70 81 79 65 72 61	

COLUMBIANA COUNTY — ACREAGE AND TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated January, 1925

			Early \	Varieties	Elbe	ertas	Late V	⁷ arieties
Townships	No. of Acres	Total Trees	Trees	Per Cent of Total	Trees	Per Cent of Total	Trees	Per Cent of Total
Fairfield Salem Unity Middleton Perry Total	- 17 4 7 3	12,956 15,125 5,443 5,776 3,570	1,596 1,271 604 672 866 5,009	12 8 11 12 24 12	9,123 12,332 3,933 4,274 1,785	71 82 72 74 50	2,237 1,522 906 830 919 6,414	17 10 17 14 26

COLUMBIANA COUNTY — AGE OF TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated January, 1925

							- 3 ,					
	E	Early Varieties				Elb	ertas		Late Varieties			
Townships	Under	4 Yrs.	Over 4	Yrs.	Under	4 Yrs.	Over 4	Yrs.	Under	4 Yrs.	Over 4	Yrs.
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent
Fairfield Salem Unity Middleton Perry	693 515 420	35 55 85 63 24	1,045 578 89 252 656	65 45 15 37 76	4,163 5,339 1,802 3,203 814	46 43 46 75 46	4,960 6,993 2,131 1,071 971	54 57 54 25 54	437 1,522 777 473 158	20 100 86 57 17	1,800 129 357 761	80 14 43 83
Total	2,389	48	2,620	52	15,321	49	16,126	51.	3,367	53	3,017	47

ERIE COUNTY—ACREAGE AND TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated February, 1924

		Linding	rated 1	CDIGGI	, 2002				
	m 1	(T) 1	Early \	Varieties	Elb	ertas	Late Varieties		
Townships	Total Acres	Total Trees	Trées	Per Cent of Total	Trees	Per Cent of Total	Trees	Per Cent of Total	
Berlin Kelly's Island Vermilion Margaretta Perkins Huron Florence Milan Portland	218 157 127 61 50 42 29 15	30,622 23,956 17,960 9,639 8,705 7,769 4,685 2,171 1,933	3,931 438 1,263 237 703 669 678 152 225	13 2 7 2 8 9 14 7	21,648 20,410 15,017 7,906 7,163 6,461 3,328 1,762 1,526	71 85 84 82 82 82 83 71 81	5,048 3,108 1,680 1,496 839 639 679 257- 182	16 13 9 16 10 8 15 12	
Total	714	107,440	8,296	8	85,221	. 79	13,923	13	

ERIE COUNTY — AGE OF TREES IN COMMERCIAL PEACH ORCHARDS Enumerated February, 1924

	E	Carly V	arieties			Elb	ertas		Late Varieties				
Townships	Under	4 Yrs.	Over 4	Yrs.	Under	4 Yrs.	Over 4	Yrs.	Under	4 Yrs.	Over 4	Yrs.	
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	
Berlin Kelly's Island Vermilion Margaretta Perkins Huron Florence Milan Portland	589 11 190 220 50 20	39 47 5 27 32 33 9	2,387 438 674 226 513 669 458 102 205	61 100 53 95 73 100 68 67 91	9,544 6,417 2,024 719 410 1,867 772 120	44 43 26 10 6 56 44 8	12,104 20,410 8,600 5,882 6,444 6,051 1,461 990 1,406	56 100 57 74 90 94 44 56 92	2,045 87 52 258 215 79 13	31 32 31 7	2,998 3,108 1,593 1,444 581 639 464 178 169	59 100 95 97 69 100 68 69 93	
Total	2,624	32	5,672	68	21,873	26	63,348	74	2,749	20	11,174	80	

LAKE COUNTY—ACREAGE AND TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated May, 1924

		FD . 1	Early	Varieties	Elb	ertas	Late V	arieties
Townships	Total Acres	Total Trees	Trees	Per Cent of Total	Trees	Per Cent of Total	Trees	Per Cen of Total
Madison	112	13,977	3,136	22	7,969	57	2,872	21
Villoughby	33	10,290	799	8	7,371	71	2,120	21
erry	70	9,190	843	9	6,243	68	2,104	23
Cirtland	56	6,289	503	1 8	4,578	73	1,208	19
Painesville	9	5,839	917	16	3,478	59	1,444	25
Concord	31	4,510	572	13	2,562	57	1,376	30
Mentor	12	1,940	344	18	929	48	667	34
Leroy	7	1,014	53	5	656	65	305	30
Total	330	53,049	7,167	13	33,786	64	12,096	23

LAKE COUNTY — AGE OF TREES IN COMMERCIAL PEACH ORCHARDS Enumerated May, 1924

	E	Carly V	arieties			Elb	ertas		Late Varieties				
Townships	Under 4 Yrs. O		Under 4 Yrs. Over 4 Yrs.		Under 4 Yrs. Over 4 Yrs.			Under 4 Yrs. Over 4 Y			Yrs.		
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	
Madison Willoughby Perry Kirtland Painesville Concord Mentor Leroy	1,193 347 390 420 403 299 194 53	38 43 46 84 44 52 56 100	1,943 452 453 83 514 273 150	62 57 54 16 56 48 44	4,489 4,521 4,541 3,368 1,698 2,121 431 656	56 61 73 74 49 83 46 100	3,480 2,850 1,702 1,210 1,780 441 498	44 39 27 26 51 17 54	598 1,317 1,185 906 730 840 420 305	21 62 56 75 51 61 63 100	2,274 803 919 302 714 536 247	79 35 44 25 49 39 37	
Total	3,299	46	3,868	54	21,825	65	11,961	35	6,301	52	5,795	48	

OTTAWA COUNTY—ACREAGE AND TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated January, 1924

	Total	Total	Early Varieties		Elbo	ertas	Late Varieties		
Townships	Acres	Trees	Trees	Per Cent of Total	Trees	Per Cent of Total	Trees	Per Cent of Total	
Danbury Catawtba Carroll Portage Bay Erie Put-in-Bay Total	- 1,459 1,026 472 425 276 89 40	206,567 158,784 65,462 49,994 36,562 10,573 6,247	6,137 5,778 1,142 1,822 961 310	3 4 2 4 3 3 3	154,314 116,418 49,578 40,419 30,629 9,035 3,722	75 73 76 81 84 85 60	46,116 36,588 14,742 7,753 4,972 1,228 2,525	22 23 62 15 13 12 40	

OTTAWA COUNTY—AGE OF TREES IN COMMERCIAL PEACH ORCHARDS

Enumerated January, 1924

	1				1								
	E	Carly V	arieties			Elb	ertas		Late Varieties				
Townships	Under 4 Yrs.		s. Over 4 Yrs.		Under 4 Yrs.		Over 4 Yrs.		Under 4 Yrs.		Over 4 Yrs.		
	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	Trees	Per Cent	
Danbury Catawha Carroll Portage Bay Erie Put-in-Bay Total	3,295 672 803 646 37	44 57 59 44 67 12	3,407 2,483 470 1,019 315 273	56 43 41 56 33 88	55,323 33,743 9,534 13,377 8,785 3,024 420	36 29 19 33 29 33 11	98,991 82,675 40,044 27,042 21,844 6,011 3,302 279,909	64 71 81 67 71 67 89	9,009 4,447 788 157 131 184	20 12 5 2 3 15	37,107 32,141 13,954 7,596 4,841 1,044 2,525 99,208	80 88 95 98 97 85 100	

ASHTABULA COUNTY — ACREAGE AND AGE OF VINES IN COMMERCIAL VINEYARDS

Enumerated May, 1924

	1			7 1		
	N		Under	4 Years	Over	Years
Townships	Number of Vineyards	Acreage	Acres	Per Cent	Acres	Per Cen
Harpersfield	96	1,341	463	35	878	65
Geneva	78	415	230	55	185	45
Kingsvilleaybrook	24 17	135 92	80	59	55	41
Austinburg	13	68	56 60	61 88	36 8	39
rumbull	5	45	27	60	18	19
onneaut	15	45	41	91	4	
shtabula	5	19	2	111	17	89
Total	248	2,160	959	44	1,201	5

ASHTABULA COUNTY — AGE — PERCENT ACREAGE OF GRAPE VARIETIES

Enumerated May, 1924

	Cor	cord	Nia	gra	Other V	arieties
Townships	Under 4 Yrs.	Yrs. and Over	Yrs.	4 Yrs. and Over	Yrs.	4 Yrs. and Over
	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Harpersfield	35	65				
Geneva	55	44	*	*		*
Kingsville	59	41	*	,		
Saybrook	61	38		1		
Austinburg	88	12				
[rumbull	60	40				
Conneaut	91	9		,		
Ashtabula	11	89				
Total	44	55	*	*		*

^{*} Less than one per cent.

ERIE COUNTY—ACREAGE AND AGE OF VINES IN COMMERCIAL VINEYARDS

Enumerated February, 1924

	37 1 5		Under	4 Years	Over	Years
Townships	Number of Vineyards	Acreage	Acres	Per Cent	Acres	Per Cent
Kelly's Island	42	538	2	1	536	99
Margaretta	26 50	229 216	5 74	2 34	224 142	98
Berlin	7	28	14	04	27	66 96
Perkins	16	25	7	28	18	. 72
Portland	13	24	1	2	23	. 98
Huron	12	14	7	50	7	50
Florence	4	12	11	92	1	8
Total	170	1,086	108	10	978	90

ERIE COUNTY — AGE — PERCENT ACREAGE OF GRAPE VARIETIES Enumerated February, 1924

				IIICIO	iteu I	COLC	,					
Townships	Conc	ord	Ive	es	Catav	wba	Dela	ware	Niag	ar a	Oth Varie	
Townships	Under Four Yrs.	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over
	Per Cent	'Peri Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Kelly's Island Margaretta Vermilion Berlin Perkins Portland Huron Florence Total	2 25 4 29 2	10 62 18 35 60 90 45 7	1	4 25 19 7 2 4	4	87 30 11 2	Jy	2 * 6 12	1	1 4 2 2 2	2 8	1 4 26 2

^{*} Less than one per cent.

LAKE COUNTY—ACREAGE AND AGE OF VINES IN COMMERCIAL VINEYARDS

Enumerated May, 1924

	Number of		Under	4 Years	Over 4	Years (
Townships	Vineyards	Acreage	Acres	Per Cent	Acres	Per Cent
Kirtland Madison Perry Willoughby Painesville Concord Mentor Leroy	39 146 91 25 8 5 6	193 798 426 80 47 33 22 76	62 482 181 16 5 27 11 50	32 60 43 20 11 81 50	131 316 245 64 42 0 11	68 40 57 80 89 19 50 34
Total	334	1,675	834	49	841	51

LAKE COUNTY — AGE — PERCENT ACREAGE OF GRAPE VARIETIES Enumerated May, 1924

							,					
Townships	Conc	ord	Ive	es	Cata	wba	Dela	ware	Niag	ara	Oth Varie	
	Under Four Yrs.	Four Yrs. and Over	Under Four Yrs.	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over
	Per Cent	Pen Cent	Per Cent	Per Cent	Per Cent	Per Cent		Per Cent	Per Cent	Per Cent	Per Cent	Per Cent
Kirtland Madison Perry Willoughby Painesville Concord Mentor Leroy	40	56 41 55 80 82 18 48 33		1	************	1	*	1	6 1 3 10 3 1	9 2 7		*
Total	47	48	* * * * * * * * * * * * * * * * * * * *	*	*	**	*	*	2	2		1

^{*} Less than one per cent.

OTTAWA COUNTY — ACREAGE AND AGE OF VINES IN COMMERCIAL VINEYARDS

Enumerated January, 1924

			,			
			Under	4 Years	Over	4 Years
Townships	Number of Vineyards	Acreage	Acres	Per Cent	Acres	Per Cent
Put-in-Bay	60 82 17 17 17 22 17	445 366 316 64 38 17	111 32 7	17 85 43	442 366 316 53 6 10	99 100 100 83 15 57
Total	165	1,246	. 58	4	1,193	96

OTTAWA COUNTY - AGE - PERCENT ACREAGE OF GRAPE VARIETIES

Enumerated January, 1924

Townships	Conc	ord	Iv	es	Cata	wba	Dela	ware	Niag	ara	Oth Varie	
	Under Four Yrs.	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under Four	Four Yrs. and Over	Under	Four Yrs. and Over	Under	Four Yrs and Ove
	Per Cent	Pen Cent	Per Cent	Per Cent	Per Cent	Per	Per Cent	Per Cent	Per Cent	Per Cent	Per Cent	Per Cen
Put-in-Bay Middle Bass North Bass Portage Latawba Others	10	20 24 16 9 7 32		7 1 1	7 6	64 71 67 65 2 25	2	6 4 16	3	1 * 9 *	1	* 1
Total	3	19		3	1	65	*	8	*	1	*	*

^{*} Less than one per cent.

COMMERCIAL PRODUCTION OF GRAPES IN OHIO BY COUNTIES

		Conc	ora					
Counties.	Date of Enumeration	Acres of Vineyards Over Four Years Old Enumerated	Over	s of Vin Four Ye ting Pro	ears Old	Proc	duction	in Tons
			1923	1922	1921	1923	1922	1921
Ashtabula Erie Lake	May, 1924 Feb., 1924 May, 1924 May, 1924	1,197 288 811 241	1,122 178 223 213	970 131 183	323 85 40	1,804 344 375 341	1,826 240 300	913
		2,537	1,736	1,284	448	2,864	2,366	1,133
		Niaga	ra		- 1			1
Ashtabula Erie Ottawa	May, 1924 Feb., 1924 May, 1924	3 5 12	3 2 6	2 2	1 1	5 5 8	3 4	2 2
		20	11	4	2	18	7	4
		Ives			1		1	
Erie Ottawa	Feb., 1924 May, 1924	73 40	25 38	20	18	45 49	46	31
		113	63	20	18	94	46	31
		Cataw	ba		1		1	1
Erie Ottawa	Feb., 1924 May, 1924	562 803	410 726	352	61	460 1,069	513	86
		1,365	1,136	352	61	1,529	513	86
		Delawa	re					
Erie Ottawa	Feb., 1924 May, 1924	30 94	19 89	17	15	20 136	29	20
3 1		124	108	17	15	156	29	20

NUMBER OF TREES IN COMMERCIAL PEAR, PLUM, CHERRY AND QUINCE ORCHARDS

		Number	of Tree	s			Number	of Tree	s
Counties	Pear	Plum	Cherry	Quince	Counties	Pear	Plum	Cherry	Quince
Adams Ashtabula Athens Belmont Clermont Columbiana Coshocton Delaware Erie Fairfield Gallia Geauga Guernsey Hamilton Hocking Huron Jackson Jeffersin Knox Lake	3,668 1,157 82 60 1,128 250 835	175 3,637 1,548 375 246 1,943 428 3,139 109 140 150 	900 5,009 905 390 48 -2,010 846 8,950 403 1,505 600 1,095 119 600 10,230	1,207 134 37 62 1,256 56 355 39 19 50	Lawrenc Lorain Lucas Mahoning Meigs Morgan Muskingum Ottawa Pike Richland Ross Sandusky Scioto Stark Summit Trumbull Tuscarawas Washington Wayne	200 1,500 3,178 220 3,254 35,849 775 125 204 2,180 77 150 2,700 30 1,010 6	2,260 125 2,500 4,424 110 33 13,911 1,040 825 175 1,125 20 310 161 700	876 895 2;500 299 123 100 33 3,246 1,017 18,170 1,085 8,790 30 45 539 320	148 315 659 205 10 10

ALL FRUIT TREES IN OHIO - UNITED STATES CENSUS 1925

			And the same	1	
Counties	Apple Trees	Peach Trees	Counties	Apple Trees	Peach Trees
Adams Allen Ashland Ashtabula Athens	44,949 51,139	32,316 6,740 20,656 122,635 44,797	Logan Lorain Lucas Madison Mahoning	134,633 55,691 14,291	9,164 106,740 33,423 2,560 114,300
Auglaize Belmont Brown Butler Carroll	44,740 160,610 50,048 19,812 77,293	5,160 76,447 17,408 11,146 60,545	Marion Medina Meigs Mercer Miami	83,037 155,493 56,272	4,172 36,714 31,286 9,548 7,161
Champaign Clark Clermont Clinton Columbiana	37,995 32,313 139,221 28,847 245,508	8,679 11,884 49,565 7,468 138,247	Monroe Montgomery Morgan Morrow Muskingum	74,414 64,021 57,900 42,376 114,512	32,591 43,303 21,766 11,992 68,195
Coshocton Crawford Cuyahoga Darke Defiance	97,105 56,664 102,522 76,965 33,078	79,385 9,406 43,797 16,682 9,383	Noble Ottawa Paulding Perry Pickaway	64,201 129,904 15,075 60,303 21,436	25,413 604,263 883 33,967 28,111
Delaware Erie Fairfield Fayette Franklin	79,900 90,187 102,445 11,533 76,637	21,175 119,177 64,904 10,892 21,038	Pike Portage Preble Putnam Richland	80,801 95,220 51,182 44,320 73,710	30,130 33,354 16,257 1,517 23,533
Fulton Gallia Geauga Greene Guernsey	45,715 204,472 91,580 36,597 100,878	12,318 32,647 32,855 9,809 63,366	Ross Sandusky Scioto Seneca Shelby	179,960 87,091 165,147 64,788 38,770	68,458 34,030 66,229 22,007 5,237
Hamilton Hancock Hardin Harrison Henry	91,988 54,124 35,723 54,333 34,936	96,870 8,669 4,997 42,388 5,367	Stark Summit Trumbull Tuscarawas Union	183,140 102,430 97,469 112,468 33,333	122,854 54,139 35,201 74,027 3,993
Highland Hocking Holmes Huron Jackson	49,375 53,479 57,800 62,241 160,663	22,182 29,578 42,099 28,656 25,652	Van Wert	37,538 70,221 29,994 222,887 127,823	3,408 17,907 12,477 44,032 71,716
Jefferson Knox Lake Lawrence Licking	83,581 49,152 119,084 567,357 117,380	63,069 27,617 91,341 131,180 49,950	Williams	34,840 61,105 34,661 7,488,227	4,237 34,300 7,236 3,841,973

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